

[4910-13-U]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39 [66 FR 1253 1/8/2001]

[Docket No. 99-CE-79-AD; Amendment 39-12066; AD 2000-26-16]

RIN 2120-AA64

Airworthiness Directives; Raytheon Aircraft Company Beech Models A36, B36TC, and 58 Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD) that applies to certain Raytheon Aircraft Company (Raytheon) Beech Models A36, B36TC, and 58 airplanes. This AD requires you to inspect for missing rivets on the right hand side of the fuselage and, if necessary, install rivets. Raytheon has identified several instances of missing rivets on these airplanes. The actions specified by this AD are intended to install missing rivets in the right hand fuselage panel assembly in the area above the right wing and below the cabin door threshold. These rivets must be present for the fuselage to carry the ultimate load and prevent critical structural failure with loss of airplane control.

DATES: This AD becomes effective on February 16, 2001.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of February 16, 2001.

ADDRESSES: You may get the service information referenced in this AD from Raytheon Aircraft Company, P.O. Box 85, Wichita, Kansas 67201-0085; telephone: (800) 429-5372 or (316) 676-3140. You may examine this information at the Federal Aviation Administration (FAA), Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 99-CE-79-AD, 901 Locust, Room 506, Kansas City, Missouri 64106; or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

FOR FURTHER INFORMATION CONTACT: T.N. Baktha, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4155; facsimile: (316) 946-4407.

SUPPLEMENTARY INFORMATION:

Discussion

What events have caused this AD? Raytheon has identified several instances of missing rivets on these airplanes:

Model	Serial Number
Model A36 Bonanza	serials E-1 through E-3231; and E-3233
Model B36TC Bonanza	serials EA-1 through EA-635
Model 58 Baron	serials TH-1 through TH-1811; and TH-1813 through TH-1897

Raytheon production and inspection personnel identified the missing rivets. The missing rivets are the result of a quality control problem.

What are the consequences if the condition is not corrected? This condition results in the airplane being unable to carry the ultimate load with possible structural failure and loss of airplane control.

Has FAA taken any action to this point? We issued a proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that would apply to certain Raytheon Beech Models A36, B36TC, and 58 airplanes. This proposal was published in the *Federal Register* as a notice of proposed rulemaking (NPRM) on September 26, 2000 (65 FR 57751). The NPRM proposed to require you to inspect for missing rivets on the right hand fuselage and if necessary, install rivets.

Was the public invited to comment? Interested persons were afforded an opportunity to participate in the making of this amendment. No comments were received on the proposed rule or the FAA's determination of the cost to the public.

The FAA's Determination

What is FAA's Final Determination on this Issue? After careful review of all available information related to the subject presented above, we have determined that air safety and the public interest require the adoption of the rule as proposed except for minor editorial corrections. We determined that these minor corrections:

- will not change the meaning of the AD; and
- will not add any additional burden upon the public than was already proposed.

Cost Impact

How many airplanes does this AD impact? We estimate that this AD affects 3632 airplanes in the U.S. registry.

What is the cost impact of this AD on owners/operators of the affected airplanes? We estimate the following costs to accomplish the inspection:

Labor Cost	Parts Cost	Total Cost Per Airplane	Total Cost on U.S. Operators
1 workhour X \$60 per hour = \$60.	No parts required for the inspection.	\$60 per airplane.	\$60 X 3632 = \$217,920.

We estimate the following costs to accomplish the modification if necessary:

Labor Cost	Parts Cost	Total Cost Per Airplane
4 workhours X \$60 per hour = \$240.	\$100 per airplane.	\$340 per airplane.

The manufacturer will allow warranty credit for labor and parts to the extent noted in the service bulletin.

Regulatory Impact

Does this AD impact various entities? The regulations adopted herein will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

Does this AD involve a significant rule or regulatory action? For the reasons discussed above, I certify that this action (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. A copy of the final

evaluation prepared for this action is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption "ADDRESSES".

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39 - AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. FAA amends § 39.13 by adding a new AD to read as follows:

AIRWORTHINESS DIRECTIVE



Aircraft Certification Service
Washington, DC

U.S. Department
of Transportation
**Federal Aviation
Administration**

We post ADs on the internet at "av-info.faa.gov"

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference 14 CFR part 39, subpart 39.3).

2000-26-16 RAYTHEON AIRCRAFT COMPANY: Amendment 39-12066; Docket No. 99-CE-79-AD.

(a) What airplanes are affected by this AD? This AD affects the following airplanes, certificated in any category:

Model	Serial Numbers
Model A36	E-1 through E-3231, and E-3233
Model B36TC	EA-1 through EA-635
Model 58	TH-1 through TH-1811, and TH-1813 through TH-1897

(b) Who must comply with this AD? Anyone who wishes to operate any of the above airplanes must comply with this AD.

(c) What problem does this AD address? The actions specified by this AD are intended to install missing rivets in the right hand fuselage panel assembly in the area above the right wing and below the cabin door threshold. These rivets must be present for the fuselage to carry the ultimate load and prevent critical structural failure with loss of control of the airplane.

(d) What actions must I accomplish to address this problem? To address this problem, you must do the following actions:

Actions	Compliance Times	Procedures
(1) Inspect for up to 9 missing rivets between fuselage station (F.S.) 83.00 and F.S. 91.00 at water line (W.L.) 90.3.	Inspect within the next 100 hours time-in-service after February 16, 2001 (the effective date of this AD).	Do this inspection in accordance with the ACCOMPLISHMENT INSTRUCTIONS paragraph of Raytheon Mandatory Service Bulletin SB 53-3341, Revision 1, Revised: May 2000, and the Bonanza Series Maintenance Manual or Baron Model 58 Series Maintenance Manual.

Actions	Compliance Times	Procedures
(2) If you find rivets are missing, install these rivets.	Before further flight after the inspection.	Do these actions in accordance with the ACCOMPLISHMENT INSTRUCTIONS paragraph of Raytheon Mandatory Service Bulletin SB 53-3341, Revision 1, Revised: May 2000, and the Bonanza Series Maintenance Manual or Baron Model 58 Series Maintenance Manual.

(e) Can I comply with this AD in any other way? You may use an alternative method of compliance or adjust the compliance time if:

(1) Your alternative method of compliance provides an equivalent level of safety; and

(2) The Manager, Wichita Aircraft Certification Office (ACO), approves your alternative.

Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

Note: This AD applies to each airplane identified in paragraph (a) of this AD, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) Where can I get information about any already-approved alternative methods of compliance?

Contact T.N. Baktha, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4155; facsimile: (316) 946-4407.

(g) What if I need to fly the airplane to another location to comply with this AD? The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) Are any service bulletins incorporated into this AD by reference? Actions required by this AD must be done in accordance with Raytheon Mandatory Service Bulletin SB 53-3341, Revision 1, Revised: May 2000. The Director of the Federal Register previously approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You can get copies from Raytheon Aircraft Company, P.O. Box 85, Wichita, Kansas 67201-0085; telephone: (800) 429-5372 or (316) 676-3140. You can look at copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(i) When does this amendment become effective ? This amendment becomes effective on February 16, 2001.

FOR FURTHER INFORMATION CONTACT: T.N. Baktha, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4155; facsimile: (316) 946-4407.

Issued in Kansas City, Missouri, on December 22, 2000.

Marvin R. Nuss, Acting Manager, Small Airplane Directorate, Aircraft Certification Service.